

WDFW Sustainability Executive Order Key Provisions

	REQUIRED ACTIONS	Goals	Progress to date	Barriers & Challenges	Success Factors	Documented Savings and Environmental Benefits
Green Buildings Incorporate into all new projects (as modified by ESSB 6509)	<p>1. All new construction projects and remodels over 5,000 sf built and certified to LEED Silver Standard (or equivalent)</p> <p>2. GA and other agencies will develop processes to ensure green building practices are integrated into design and construction process.</p>	<p>Minimize use of non-renewable energy and potable water</p> <p>Achieve maximum reduction and recycling of solid waste</p>	<ul style="list-style-type: none"> We have not built or remodeled any facilities that met the guidelines during this period. 	<ul style="list-style-type: none"> While we finalized construction of our Spokane Regional Office this past year, the EO requirement was not in place during our design and budgeting process. Although, many sustainable elements were implemented during construction. 	<ul style="list-style-type: none"> The new Spokane office incorporates many sustainable measures including; energy-efficient lighting, cooling and heating systems, non-toxic, recycled materials in the furnishings, drought-tolerant and native plants in the building's landscaping, and is located on a bus route and bicycle trail. 	
Vehicles Reduce petroleum use	<p>1. Reduce petroleum use 20% by 2009.</p> <p>2. Freeze purchase of 4-wheel drive SUVs. Those needed for law enforcement or emergency response exempt. Agency directors may approve exemptions.</p> <p>3. By 9/1/09, replace standard diesel with B20. Begin using B5 as soon as practicable.</p> <p>4. Purchase of hybrid gas/electric and other fuel efficient/low emission vehicles.</p> <p>5. Replace pre-1996 light duty vehicles w/in 3 years.</p> <p>6. Fleet management plans and annual progress reports for due 9/1/05. Consider transfers of vehicles or contract with GA for fleets with fewer than 100 light duty vehicles.</p> <p>7. Request fuel efficient, low emission vehicles for employees from commercial vendors.</p>	<p>Minimize use of non-renewable energy</p>	<ul style="list-style-type: none"> Transportation Committee developed Fleet Management Plan and submitted to OFM. BN 03-05 baseline petroleum use and miles driven data collected. Developed SUV Justification Form; Director approved (6) 4-wheel drive SUVs purchases in FY05. Purchased 4 hybrid vehicles. Surplused (135) pre-1996 light duty vehicles. 	<ul style="list-style-type: none"> Fleet Mgmt Plan developed, currently in the process to hire or assign a Fleet Manager to coordinate and oversee implementation. The most significant challenge in funding vehicle replacement is the inability of unit managers to accumulate enough funds within a biennium to buy new vehicles. We are currently limited in our biodiesel use by the lack of commercial pumps throughout the state. 	<ul style="list-style-type: none"> Agency management is committed to improving the management of our fleet; not only for monetary savings, but to reduce environmental impacts. 	

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Paper Reduce lifecycle impacts of paper products	1. Office paper minimum 30% post consumer recycled content. 2. Reduce use of office paper by 30% based on 2003 plans 3. Increase % EP paper to >50% 4. Recycle 100% of used office paper 5. Increase use of recycled and chlorine free janitorial paper products	1. Our goal is to purchase 100% recycled, chlorine free paper 8.5x11 sheets of paper beginning in 2005. 2. Reduce use of office paper by 30% by tracking use and making sure that all employees have access to duplex printing and making that the default setting. 3. Done 4. Promote recycling through outreach and education and conducting waste sorts and desk audits to track success. 5. Will comply where applicable.	1. WDFW Paper Directive states that all staff shall purchase only 100% recycled chlorine-free paper for 8.5x11 sheets. 2. The WDFW Paper Use Directive promotes the methods and ideas that can contribute to meeting our agency's goal of a 30% reduction in paper use. We are currently working with IS to make duplex printing available to all WDFW staff. 3. We have achieved this goal by directing staff to purchase 100% recycled-chlorine free paper for 8.5x11 sheets. 4. The WDFW Sustainability Committee conducted a waste sort and held a month long outreach recycling campaign to Olympia staff. During the campaign we put out dozens of more recycling bins on all floors of the Natural Resource Building.	1. None. 2. The recycling committee is still working with ITS staff to ensure that all printers have duplex default capability. 3. None. 4. Recycling in many cases is an effort on the part of the individual employee. There is not a current system in place to track consistent individual or program recycling practices other than desk site audits and a building-wide waste sort.	<ul style="list-style-type: none"> ▪ We purchased 22% less paper in FY05 than the previous year, and of that paper, 1/3rd was 100% recycled content; a 14-fold increase! ▪ The establishment of our Paper Purchase, Use and Recycling Directive promotes the purchasing of EP paper and products, as well as recycling and reducing. ▪ During the NRB waste sort we were able to set a baseline that 16% of the waste thrown out that day could be reduced through recycling of paper. 	<ul style="list-style-type: none"> ▪ Due to the Paper Directive established in November 2004, we can demonstrate that by switching from 30% to 100% recycled-content paper in less than one year we: <ul style="list-style-type: none"> o Saved over 3,000 lbs of greenhouse gases o Reduced BTUs by 33,000 o Reduced solid waste by 2,157 lbs o Saved 13,832 lbs of wood
Energy Achieve gains in energy conservation	1. Reduce energy purchases by 10% from FY 2003, use energy efficiency programs and on site renewable resources. 2. Report total energy use annually to GA.	Minimize use of non-renewable energy	<ul style="list-style-type: none"> ▪ Procured Utility Management Software to assist in tracking and targeting energy conservation areas. 2001 - 2005 baseline data being collected. ▪ Resource Conservation Manager (RCM) position secured through grant with Puget Sound Energy. This position will be used to coordinate and implement energy efficiency projects. 	<ul style="list-style-type: none"> ▪ Time-consuming startup to organize statewide utility information at our 200+ sites. 	<ul style="list-style-type: none"> ▪ Secured funding through the PSE grant for staff time and state capitol dollars for implementation activities. 	
Toxic Chemicals Reduce use of products with persistent, toxic chemicals. (EO 04-01)	1. Adopt measures to reduce use of equipment, supplies and other products that contain persistent, toxic chemicals 2. Report annually on progress in sustainability plans	Minimize hazardous waste production and use	<ul style="list-style-type: none"> ▪ Staff trained to reduce purchase of mercury containing products. ▪ Testing for mold and radon ongoing. 	<ul style="list-style-type: none"> ▪ Some essential products do not have an alternative. ▪ Several tests have shown minimal exposure to toxics. ▪ Need to develop "How-To" manual on using and purchasing mercury free products. 		

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Communications and Education	<p>1. Steps taken to educate employees or clients</p> <p>2. Education on plan as well as general sustainability educational efforts.</p>	Raise employee awareness of sustainable practices in the work place.	<ul style="list-style-type: none"> In 2005, we conducted six brown bags around sustainability topics including organic eating and purchasing, climate change, recycling, green buildings and energy use. Held a month recycling campaign in Oct. 2005 Developed information pamphlets and posters for staff with our new logo. Conducted our second sustainability survey. 	<ul style="list-style-type: none"> Minimal staff participation at an agency wide level at events. Minimal staff involvement on Sustainability committees 	<ul style="list-style-type: none"> 6% increase in staff participation for the Sustainability Survey. 77% of staff feel supported to use sustainable practices, an increase by 7% in 2 years. Steady increase in staff participation over the last 2 years. Outreach materials are getting distributed at staff mtgs. 	N/A
Solid Waste and Recycling		Achieve maximum reduction and recycling of solid waste	<ul style="list-style-type: none"> Held first annual Natural Resource Building (NRB) Wastesort to obtain baseline information regarding our building's garbage composition and weight. 	<ul style="list-style-type: none"> Unable to track lbs of recycling or solid waste generated, so as a surrogate will conduct each year a one-night garbage audit. 	<ul style="list-style-type: none"> We had good cooperation from GA regarding new containers and disposal. 	

	REQUIRED ACTIONS	FY 2003 Data	FY 2004 Progress	FY 2005 Progress
Performance Measures	A. Annual petroleum use, vehicle miles traveled and # and type of state vehicles owned	**See Attached Graphs.		
Data from FY 2005	B. Number of exception purchases of 4-wheel drive SUVs made			
	C. Amount and type of office paper and janitorial paper products purchased			
	D. Quantity of office paper recycled			
	E. Justification for virgin office paper purchased			